

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-163
Relating to Certification of New Motor Vehicles

CHRYSLER CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1987 model-year Chrysler Corporation exhaust emission control systems are certified as described below for gasoline-powered medium-duty vehicles:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
HCR5.2T2HBN3	318 (5.2)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per mile</u>
4000-5999	0.50	9.0	1.0

The following are the certification emission values for this engine family:

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
4000-5999	0.40	8.2	0.9

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 7th day of February, 1986.



K. D. Drachand, Chief
Mobile Source Division

Manufacturer CHRYSLER CORPORATION Executive Order No. A-9-163
 Engine Family HCR5.2T2HBN3 Evaporative Family HCRTX & HCRTY
 Engine CID (Liters) 318 (5.2)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 EEC-Electronic Engine Control
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Fuel System

CFI, CL, DID, DIP, EFI, MFI
 nV-nVenturi Carburetor
 V-Variable Venturi

Exhaust Emissions Control System

AIP-Air Injection-Pump
 AIV-Air Injection-Valve
 CL-Closed Loop
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 OC-Oxidation Catalyst System
 TOC-Trap Oxidizer Continuous
 TOI-Trap Oxidizer Intermittent
 TR-Thermal Reactor
 TWC-Three-Way Catalyst System

Special Features

CCV-Combustion Chamber Valve
 CFI-Central Fuel Injection
 DID-Diesel Injection-Direct
 DIP-Diesel Injection-Prechamber
 EFI-Electronic Fuel Injection
 IC - Intercooler
 MFI-Mechanical Fuel Injection
 TC-Turbocharged

VEHICLE MODELS:

B1E51 2;BLL51 2;
 B1L52 2;B2L52 2;
 B2L53 6

B3L52 2

B1L11 1;B1L12 1;
 B2L11 1;B2L12 1;
 B2L13 5

B3L12 1;B3L13 5

D1L61 4;D1L62 4

D2L62 4

D5L61 4;D5L62 4

D4L71 1;D8L71 1

CARLINE

Dodge B150/B250 Wagon

Dodge B350 Wagon

Dodge B150/B250 Van

Dodge B350 Van

Dodge D100/D150 Pickup

Dodge D250 Pickup

Dodge W100/W150 Pickup

Dodge Ramcharger

DRIVE SYSTEM: FRONT Engine/ REAR -Wheel Drive

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A -9-163

 Passenger Cars Light-Duty Trucks X Medium-Duty Vehicles X Gas Diesel

Manufacturer CHRYSLER CORPORATION Page 2

Engine Family HCR5.2T2HBN3 Engine Code CALIF.

ECS (Special Features) AIP,EGR,TWC,CL CID (Liter)-Type 318(5.2)-V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equip. Test Weight	Ign. System	Fuel System	EGR Valve	Label Ident.
				ESA/EFC Part No.	2V Part No.	Part No.	Part No.
M-1	D1E62* D1L61;D1L62; B1L11;B2L11	M4	4250	4379107	04324633	4287673	VECI 4288948*
	B1L12;B2L12; B2L13		4500				VAC. HOSE D-MODELS 4306854
	B1E51;B1L51; B1L52;B2L52		4750				B-MODELS 4306839
	D1E61*		4250**				

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 01-17-86
 Revised - 02-19-86 Correction of errata.
 *Revised - 11-24-86 Running Change 82T dated 11-18-86. Addition of models.
 *Revised-03-28-87 Running Change 98T dated 02-04-87. Production vehicle test weight update.

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

Manufacturer CHRYSLER CORPORATION Page 3

Engine Family HCR5.2T2HBN3 Engine Code CALIF.

ECS (Special Features) AIP, EGR, TWC, CL CID (Liter)-Type 318(5.2)-V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equip. Test Weight	Ign. System ESA/EFC Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.	
A-1	D1E62* D1L61;D1L62; B1L11;B2L11	A3	4250	4379096	04324633	4287673	VECI 4288948*	
	B1L12;B2L12; B2L13		4500				VAC. HOSE D-MODELS 4306854	
A-2	B1L12;B2L12; B2L13		4500				4287651	B-MODELS 4306839
	D5L61;D5L62; B1E51;B1L51; B1L52;D5E62* D5E61**		4750					
	B2L52		5000					
A-3	B3L12		4500				4287684	
	B3L13;D2L62	4750						
	B2L53;B3L52	5250						
A-4	D4L71	4500	4379098	4287651				
	D8L71	5000						
A-1	D1E61*	4250**	4379096	4287673				

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

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 *Revised-03-28-87 Running Change 98T dated 02-04-87. Production vehicle test weight update.

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A -9-103

 Passenger Cars Light-Duty Trucks XX Medium-Duty Vehicles XX Gas Diesel

Manufacturer CHRYSLER CORPORATION Page 4

Engine Family HCR5.2T2HBN3 Engine Code CALIF.

ECS (Special Features) AIP,EGR,TWC,CL CID (Liter)-Type 318(5.2)-V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System ESA/EFC Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.	
A-5	D1L61;D1L62; B1L11;B2L11; D1E62*	A3	4250	4379098	4324655	4287673	VECI 4288948	
	B1L12;B2L12; B2L13		4500				VAC. HOSE D-MODELS 4306854	
A-7	B3L12		4500				4287684	B-MODELS 4306839
	B3L13;D2L62		4750					
	B2L53;B3L52		5250					
A-6	D4L71		4500				4287651	
	D8L71		5000					
*A-5	D1E61		4250**				4287673	

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 10/02/86: R.C. 63TC dated 09/19/86. Revise ESA/EFC calibration and carburetor.

*Revised - 11/24/86: R.C. 82T dated 11/18/86. Addition of models.

**Revised -03/28/87: R.C. 98T dated 02/04/87. Production vehicle test weight update.